

INTERNATIONAL ENERGY CONSERVATION CODE - 2018

		Atrium	Classroom, Lecture Hall, Training Room	Conference, Break Room	Corridor ²	Guestroom ³	Lobby	Open Office (>300 sq. ft.)	Parking Garage ⁴	Private Office (<300 sq. ft.)	Restaurant/ Cafeteria, Retail	Restroom	Stairwell ²	Storage Room	Warehouse and Library Stacks ⁵	Façade/ Landscape	Other Exterior ⁶	
Manual Control	Switch		●	●		●				●		●		●				
	Dimmer or scene control	●			●		●	●			●		●		●			
Automatic ON/OFF Control	Timeclock	●									●				●	●	●	
	Occupancy sensor		●	●	●	●	●	● ⁷	●	●		●	●	●	●			
	Settings	Full ON				●		●		●			●	●		●	●	●
		Partial ON	●								●							
		Manual ON		●	●		●				●				●			
		Full OFF	●	●	●		●	●	●	●	●	●		●	●	●	●	●
		Partial OFF				● ⁸			●					● ⁸		●		●
Other	Daylight responsive control	●	● ⁹	●	●		● ⁹		● ⁹	● ¹⁰	●	●	●	●				
Receptacle control																		
Demand response																		

1 All retrofits altering more than 50% of the luminaires in a space must comply with all new construction requirements.

2 To comply with some life safety code requirements for egress illumination, automatic full OFF is not suggested.

For non-egress areas, the occupancy sensor should turn the lights to full OFF and a switching control may be used.

3 Automatic shutoff is required for all installed luminaires and switched receptacles.

4 Timeclock ensures the lights are on when typically occupied. Occupancy sensor controls lights when typically unoccupied.

5 Sensor provides partial OFF functionality when typically occupied, full OFF when typically unoccupied.

6 Astronomical timeclock shall ensure all lights are off during daylight hours. Lights should be scheduled to Partial OFF during night hours. See section C405.6.3 for scheduling times.

7 Full OFF is required for the entire office when all control zones are vacant. Automatic reduction by at least 80% is required in each individual control zone when vacant. Control zone is limited to 600 sq.ft.

8 Not a code requirement. Douglas recommends this solution for spaces designated as a path of egress.

9 These spaces require continuous daylight dimming to OFF.

10 Not required for sidelight daylight zones in ground-level occupancies.